

CLAIM AMENDMENTS

9. (currently amended) A method of manufacturing an electronic component comprising a contact having a terminal section for brazing and a contact section, said method comprising the steps of:

constructing a base member of said contact made of a material which is poorly wettable to a weld brazing material;

forming on said base member a finish plating layer made of a material which is highly wettable to the weld brazing material; and

forming an exposed region of said poorly wettable base member by selectively removing a portion of said highly wettable finish plating layer ~~at said terminal section by~~ means of a mechanical processing technique,

said exposed region of said highly wettable base ~~material member~~ serving as an arresting region for arresting creeping-up of said weld brazing material.

10. (currently amended) The method according to claim 9, wherein

the step of constructing the base member further including the step of:

includes forming a primer plating layer made of a material which is poorly wettable to said weld brazing material on said base member prior to forming said finish plating layer; and wherein

the step of forming the finish plating layer is carried out to form the finish plating layer on the thus formed primer plating layer, and

the step of forming the exposed region is carried out to selectively ~~removing~~ remove both a portion of said primer plating layer and a portion of said finish plating layer by a mechanical processing technique.

11. (original claim) The method according to claim 9, wherein

said base member is made of copper alloy, and

said finish plating layer is made of any one of gold plating layer, tin or tin alloy plating layer, and lead or lead alloy plating layer.

12. (original claim) The method according to claim 10, wherein
said base member is made of copper alloy, and
said finish plating layer is made of any one of gold plating layer, tin or tin alloy
plating layer, and lead or lead alloy plating layer.

13. (original claim) The method according to claim 10, wherein said primer plating layer is
made of nickel alloy plating layer.

14. (previously amended) The method according to claim 9, wherein said mechanical
processing technique is any of mechanical cutting or grinding technique, electric discharge
machining technique, electron-beam machining technique and laser beam machining technique.

15. (previously added) The method according to claim 10, wherein said mechanical
processing technique is any of mechanical cutting or grinding technique, electric discharge
machining technique, electron-beam machining technique and laser beam machining technique.

16. (previously added) The method according to claim 11, wherein said mechanical
processing technique is any of mechanical cutting or grinding technique, electric discharge
machining technique, electron-beam machining technique and laser beam machining technique.

17. (previously added) The method according to claim 12, wherein said mechanical
processing technique is any of mechanical cutting or grinding technique, electric discharge
machining technique, electron-beam machining technique and laser beam machining technique.

18. (previously added) The method according to claim 13, wherein said mechanical
processing technique is any of mechanical cutting or grinding technique, electric discharge
machining technique, electron-beam machining technique and laser beam machining technique.

19. (new) The method according to claim 9, wherein:
the step of constructing the base member further includes forming a primer plating
layer made of a material which is poorly wettable to said weld brazing material on said base
member, whereby said primer plating layer serves as a surface layer of the base member;
the step of forming the finish plating layer is carried out to form the finish plating
layer on said primer plating layer, and

the step of forming the exposed region is carried out to selectively remove a portion of said finish plating layer by a mechanical processing technique to obtain the exposed region of the primer plating layer serving as the arresting region.

20. (new) The method according to claim 19, wherein said mechanical processing technique is a laser beam machining technique.

21. (new) The method according to claim 19, wherein:

the step of forming the finish plating layer is carried out to form a first finish plating layer on said primer plating layer at the terminal section and a second finish plating layer integrally contacted to the first finish plating layer on said primer plating layer at the contact section, and

the step of forming the exposed region is carried out to selectively remove a portion of said first and/or second finish plating layer by a mechanical processing technique.

22. (new) The method according to claim 21, wherein said mechanical processing technique is a laser beam machining technique.

23. (new) The method according to claim 10, wherein

the step of forming the finish plating layer is carried out to form a first finish plating layer on said primer plating layer at the terminal section and a second finish plating layer integrally contacted to the first finish plating layer on said primer plating layer at the contact section, and

the step of forming the exposed region is carried out to selectively remove a portion of said first and/or second finish plating layer and a portion of said primer plating layer by a mechanical processing technique.

24. (new) The method according to claim 23, wherein said mechanical processing technique is a laser beam machining technique.